

IN THE CLAIMS:

Please AMEND claims 1, 4, 25, 27, 31 and 32 and CANCEL claims 20 and 21 without prejudice or disclaimer in accordance with the following:

1. (CURRENTLY AMENDED) A read-only optical information storage medium comprising a plurality of areas, including a burst cutting area, a lead-in area, a user data area, and a lead-out area, in which data is recorded in the form of pits, wherein a pattern comprising a sequence of the pits formed is repeated in an area of the burst cutting area is different from a pattern of pits formed in at least one of the lead-in area, the user data area and the lead-out area.

2-3. (CANCELLED)

4. (CURRENTLY AMENDED) The read-only optical information storage medium of claim 1, wherein the pattern comprising the sequence of the pits formed repeated in the area of the burst cutting area is one of a first straight pit row and a first pit wobble, and thea pattern comprising a sequence of the pits formed in at least one of the lead-in area and the user data area is one of a second straight pit row that is different from the first straight pit row and a second pit wobble that is different from the first pit wobble.

5. (ORIGINAL) The read-only optical information storage medium of claim 4, wherein each of the first straight pit row and the second straight pit row has pits formed in one of a single straight pit pattern, a specific straight pit pattern, or a random straight pit pattern.

6. (ORIGINAL) The read-only optical information storage medium of claim 5, wherein each of the first pit wobble and the second pit wobble is one of a single pit wobble pattern, a specific pit wobble pattern, or a random pit wobble pattern.

7. (ORIGINAL) The read-only optical information storage medium of claim 5, wherein at least one of the burst cutting area, the lead-in area, the user data area, and the lead-out area is divided into a plurality of sub-areas in each of which pits are formed in different pit patterns.

8. (ORIGINAL) The read-only optical information storage medium of claim 7, wherein the lead-in area comprises first and second areas, pits are formed in the first area in one of a third straight pit pattern and a third pit wobble pattern, and pits are formed in the second area in one of a fourth straight pit pattern and a fourth pit wobble pattern.

9. (ORIGINAL) The read-only optical information storage medium of claim 8, wherein each of the third straight pit pattern and the fourth straight pit pattern is one of a single straight pit pattern, a specific straight pit pattern, and a random straight pit pattern.

10. (ORIGINAL) The read-only optical information storage medium of claim 8, wherein each of the third pit wobble and the fourth pit wobble is one of a single pit wobble, a specific pit wobble, and a random pit wobble.

11. (ORIGINAL) The read-only optical information storage medium of claim 4, wherein the user data area includes a plurality of basic recording units, and run-ins and run-outs that are respectively located before and after the basic recording units.

12. (ORIGINAL) The read-only optical information storage medium of claim 11, wherein the basic recording units are one of physical clusters, sectors, ECC blocks, and frames.

13. (ORIGINAL) The read-only optical information storage medium of claim 11, wherein a pattern of pits formed in the basic recording units is identical to a pattern of pits formed in the run-ins and the run-outs.

14. (ORIGINAL) The read-only optical information storage medium of claim 11, wherein a pattern of pits formed in the basic recording units is different from a pattern of pits formed in the run-ins and the run-outs.

15. (ORIGINAL) The read-only optical information storage medium of claim 4, wherein each of the first pit wobble and the second pit wobble is one of a single pit wobble pattern, a specific pit wobble pattern, and a random pit wobble pattern.

16. (PREVIOUSLY PRESENTED) The read-only optical information storage

medium of claim 1, wherein at least one of the burst cutting area, the lead-in area, the user data area, and the lead-out area is divided into a plurality of sub-areas in each of which pits are formed in different pit patterns.

17. (ORIGINAL) The read-only optical information storage medium of claim 16, wherein the lead-in area comprises first and second areas, pits are formed in the first area in one of a third straight pit pattern and a third pit wobble pattern, and pits are formed in the second area in one of a fourth straight pit pattern and a fourth pit wobble pattern.

18. (ORIGINAL) The read-only optical information storage medium of claim 17, wherein each of the third straight pit pattern and the fourth straight pit pattern is one of a single straight pit pattern, a specific straight pit pattern, and a random straight pit pattern.

19. (ORIGINAL) The read-only optical information storage medium of claim 18, wherein each of the third pit wobble and the fourth pit wobble is one of a single pit wobble, a specific pit wobble, or a random pit wobble.

20-21. (CANCELLED)

22. (PREVIOUSLY PRESENTED) The read-only optical information storage medium of claim 1, wherein the user data area includes a plurality of basic recording units, and run-ins and run-outs that are respectively located before and after the basic recording units.

23. (ORIGINAL) The read-only optical information storage medium of claim 22, wherein the basic recording units are one of physical clusters, sectors, ECC blocks, and frames.

24. (ORIGINAL) The read-only optical information storage medium of claim 22, wherein a pattern of pits formed in the basic recording units is identical to a pattern of pits formed in the run-ins and the run-outs.

25. (CURRENTLY AMENDED) A read-only optical information storage medium comprising a plurality of areas, including a burst cutting area, a lead-in area, a user data area, and a lead-out area, in which data is recorded in the form of pits, wherein ~~the a pattern~~

comprising a sequence of pits provided in the burst cutting area are is formed in a first pit pattern
by a recording modulation method different from a recording modulation method used to form
the pits in at least one of the lead-in area, and the user data area, and the lead-out area in a
second pit pattern that is different from the first pit pattern, and
wherein the pattern is repeated in an area of the burst cutting area.

26. (CANCELLED)

27. (CURRENTLY AMENDED) The read-only optical information storage medium
of claim 25, wherein a the recording modulation method used in the burst cutting area is different
from at the recording modulation method used in at least one of the lead-in area and the user
data area.

28. (ORIGINAL) The read-only optical information storage medium of claim 27,
wherein the recording modulation method used in the burst cutting area, the lead-in area, and
the user data area is one of a RLL (d, k) modulation method and a bi-phase modulation method.

29. (PREVIOUSLY PRESENTED) The read-only optical information storage
medium of claim 25, wherein at least one of the burst cutting area, the lead-in area, the user
data area, and the lead-out area is divided into a plurality of sub-areas, and the pits in the sub-
areas are formed using different modulation methods.

30. (ORIGINAL) The read-only optical information storage medium of claim 29,
wherein the lead-in area comprises first and second sub areas, the first area uses one of the
RLL (d, k) modulation method and the bi-phase modulation method, and the second area uses a
different recording modulation method from the first area.

31. (CURRENTLY AMENDED) A read-only optical information storage medium
comprising:

a plurality of recording layers each having a plurality of areas, including a burst cutting
area, in which data is recorded in the a form of pits, wherein the pits in at least one of the plurality
of areas are of a different pit pattern than pits formed in others of the plurality of areas a pattern
comprising a sequence of the pits is repeated in an area of the burst cutting area.

32. (CURRENTLY AMENDED) A read-only optical information storage medium having a burst cutting area, a lead-in area, a user data area, and a lead-out area, each of which is divisible into a plurality of areas, one of the areas of the burst cutting area having data recorded thereon in a first pit pattern and one of the areas of the lead-in area, the user data area, and the lead-out area having data recorded thereon in a second pit pattern form of pits, wherein a pattern comprising a sequence of the pits is repeated in the burst cutting area.